

SUMMARY OF WATER CONDITIONS

May 1, 2010

Water conditions during April took a surprising, but welcome, twist. Normally the snowpack water content decreases about 20 percent as the melting season gets underway. This year, due to a series of cold Pacific storms, the pack actually gained about 5 percent in April, thereby significantly boosting the late season water supply outlook. The spring runoff forecast is now well above average statewide and the most since the very wet year 2006.

Forecasts of April through July runoff have been increased to 115 percent of average, 20 percent more than one month ago, ranging from about 140 percent on the Trinity River and 120 percent in the southern Sierra to 95 percent in the North Lahontan region. Water year forecasts are now about 90 percent of average.

Snowpack water content is about 140 percent of average for the date and 110 percent of the average for April 1, the date of normal maximum accumulation. Last year the snowpack on May 1 was only 60 percent of average.

Precipitation from October through April was about 110 percent of average overall compared to 80 percent on this date last year. Percentages range from about 90 percent in the North Lahontan region to 170 percent in the Colorado River desert region. April precipitation was twice average statewide and heavier in coastal regions of northern California.

Runoff has been about 75 percent of average so far this season, appreciably better than the 60 percent at this time last year. April runoff was about 110 percent of average. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during April was 3.2 million acre-feet.

Reservoir storage on May 1 was 95 percent of average statewide, much better than the 80 percent one year ago. Total storage is about 70 percent of capacity.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

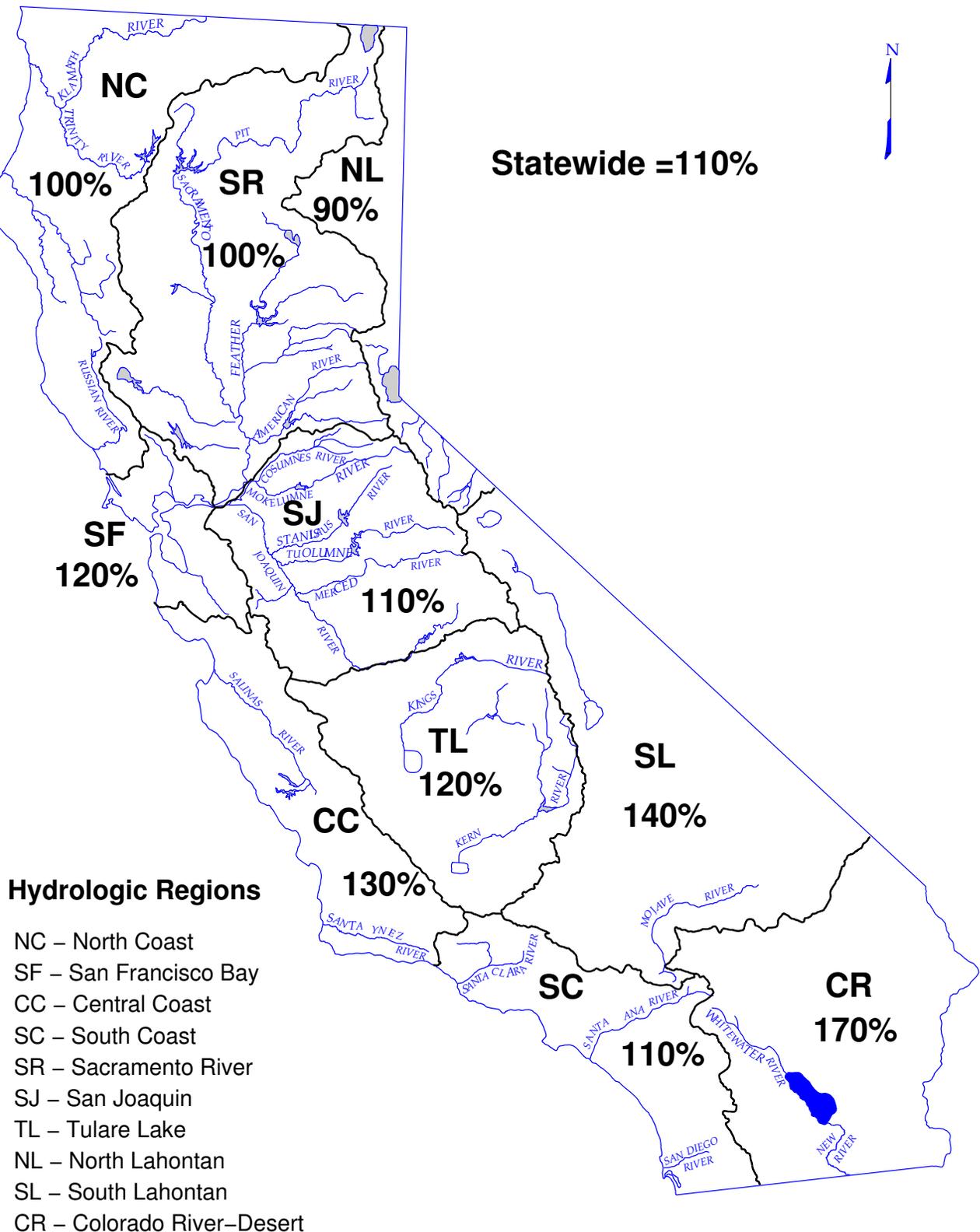
HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	May 1 SNOW WATER CONTENT	May 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	100	200	80	75	130	95
SAN FRANCISCO BAY	120	--	105	80	--	--
CENTRAL COAST	130	--	95	145	--	--
SOUTH COAST	110	--	90	95	--	--
SACRAMENTO RIVER	100	135	95	70	110	85
SAN JOAQUIN RIVER	110	140	100	75	120	100
TULARE LAKE	120	150	105	90	120	110
NORTH LAHONTAN	90	110	40	65	95	85
SOUTH LAHONTAN	140	150	105	90	100	95
COLORADO RIVER- DESERT	170	--	--	--	--	--
STATEWIDE	110	140	95	75	115	90

DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

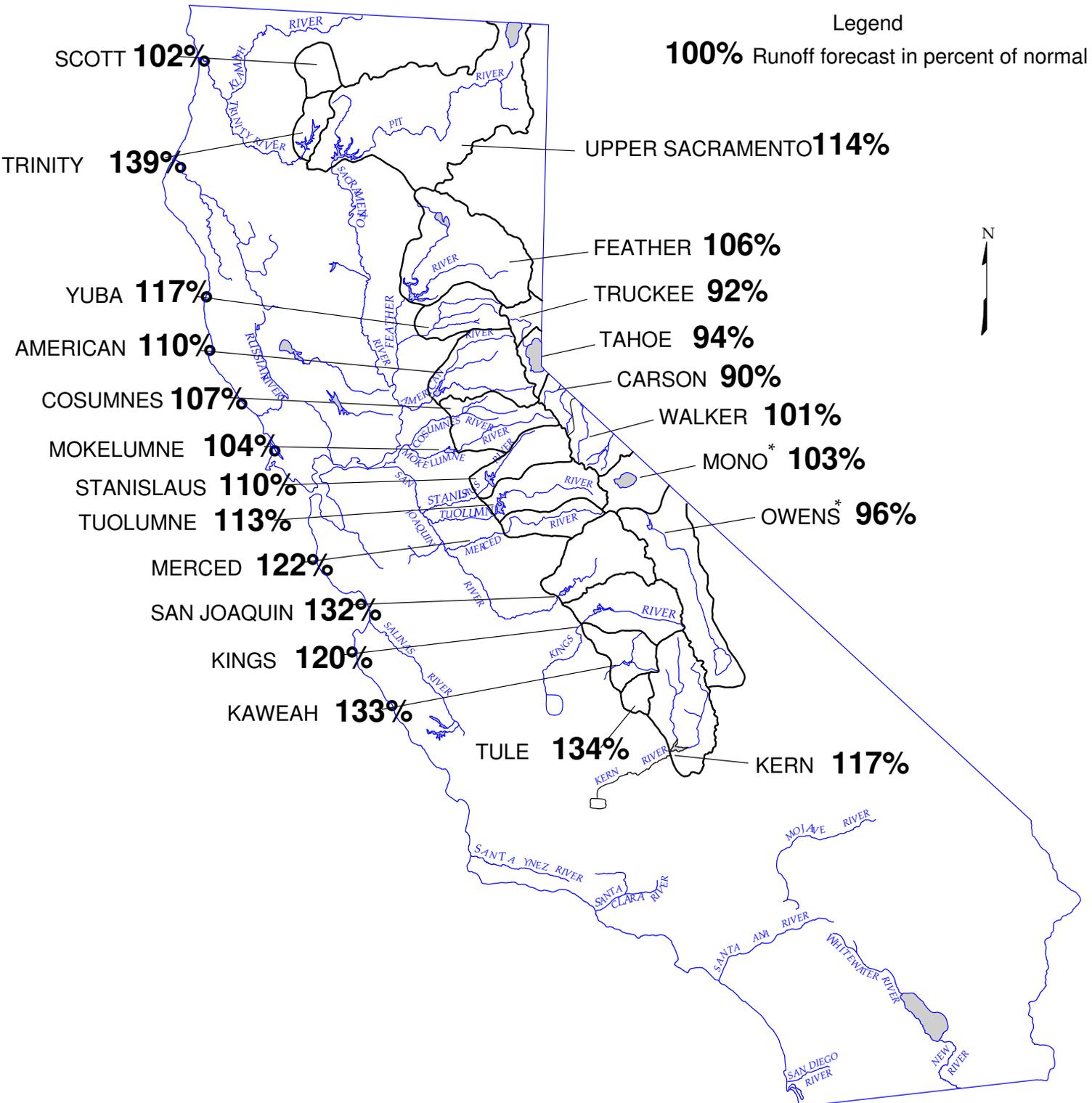
SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE
 October 1, 2009 through April 30, 2010



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

**DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF
May 1, 2010**



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

**MAY 1, 2010 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1)					
	HISTORICAL			FORECAST		
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	910	139%	790 - 1050
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	440	147%	
McCloud River above Shasta Lake	392	850	185	490	125%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	970	91%	
Total Inflow to Shasta Lake	1,819	3,525	726	2,070	114%	1,840 - 2,470
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	2,850	114%	2,540 - 3,380
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	330	99%	
North Fork at Pulga (3)	1,028	2,416	243	1,040	101%	
Middle Fork near Clio (4)	86	518	4	90	105%	
South Fork at Ponderosa Dam (3)	110	267	13	115	105%	
Feather River at Oroville	1,782	4,676	392	1,890	106%	1,620 - 2,300
Yuba River						
North Yuba below Goodyears Bar	279	647	51	340	122%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	125	112%	
South Yuba at Langs Crossing (3)	233	481	57	260	112%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	1,180	117%	1,030 - 1,330
American River						
North Fork at North Fork Dam (3)	262	716	43	280	107%	
Middle Fork near Auburn (3)	522	1,406	100	570	109%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	190	110%	
American River below Folsom Lake	1,240	3,074	229	1,360	110%	1,190 - 1,560
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	135	107%	100 - 185
Mokelumne River						
North Fork near West Point (5)	437	829	104	420	96%	
Total Inflow to Pardee Reservoir	461	1,065	102	480	104%	450 - 530
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	370	111%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	250	112%	
Stanislaus River below Goodwin Reservoir (9)	702	1,710	116	770	110%	680 - 870
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	360	114%	
Tuolumne River near Hetch Hetchy	604	1,392	153	690	114%	
Tuolumne River below La Grange Reservoir (9)	1,220	2,682	301	1,380	113%	1,280 - 1,550
Merced River						
Merced River at Pohono Bridge	372	888	80	460	124%	
Merced River below Merced Falls (9)	632	1,587	123	770	122%	710 - 880
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	1,380	135%	
Big Creek below Huntington Lake (8)	91	264	11	130	143%	
South Fork near Florence Lake (7)	201	511	58	260	129%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	1,660	132%	1,510 - 1,830
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	290	121%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	1,470	120%	1,370 - 1,590
Kaweah River below Terminus Reservoir	286	814	62	380	133%	350 - 440
Tule River below Lake Success	64	259	2	85	134%	79 - 107
Kern River						
Kern River near Kernville	384	1,203	83	460	120%	
Kern River inflow to Lake Isabella	461	1,657	84	540	117%	500 - 610

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

(3) 50 year average based on years 1941-90

(4) 44 year average based on years 1936-79

(5) 36 year average based on years 1936-72

(6) 45 year average based on years 1936-81

(7) 50 year average based on years 1953-2002

(8) 50 year average based on years 1946-1995

**MAY 1, 2010 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF**

Unimpaired Runoff in 1,000 Acre-Feet (1)														
HISTORICAL			DISTRIBUTION									FORECAST		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb *	Mar *	Apr *	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
1398	2990	200	225	155	155	220	375	250	65	15	10	1,470	105%	1340 - 1630
887	1,965	165												
1,217	2,353	557												
3,159	5,150	1,484												
6,107	10,796	2,479	1,695	835	640	735	685	380	270	240	230	5,710	93%	5,405 - 6,185
8,907	17,180	3,294	2,585	1,350	950	1,120	885	500	345	295	295	8,325	93%	7,940 - 8,945
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,620	9,492	994	630	315	435	620	760	355	155	105	90	3,465	75%	3,145 - 3,940
564	1,056	102												
181	292	30												
379	565	98												
2,373	4,926	369	225	135	205	300	530	300	50	25	20	1,790	75%	1,620 - 1,970
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,719	6,382	349	215	155	250	400	590	305	65	20	10	2,010	74%	1,815 - 2,230
390	1,253	20	32	30	45	64	48	19	4	2	1	245	63%	205 - 300
626	1,009	197												
755	1,800	129	50	30	60	105	215	145	14	4	2	625	83%	590 - 680
471	929	88												
1,171	2,952	155	105	65	100	175	335	215	45	10	5	1,055	90%	960 - 1,170
461	1,147	123												
770	1,661	258												
1,951	4,631	383	195	105	160	250	530	460	140	25	10	1,875	96%	1,760 - 2,090
461	1,020	92												
1,007	2,787	150	115	70	90	140	310	255	65	15	10	1,070	106%	1,000 - 1,200
1,337	2,964	308												
112	298	14												
248	653	71												
1,836	4,642	362	190	100	140	225	580	595	260	70	30	2,190	119%	2,010 - 2,400
284	607	58												
1,721	4,287	386	190	85	120	205	550	530	185	55	25	1,945	113%	1,830 - 2,080
454	1,402	94	66	34	48	70	145	125	40	8	4	540	119%	500 - 610
148	615	16	17	20	24	25	37	18	5	2	2	150	101%	140 - 175
558	1,577	163												
730	2,318	175	85	35	55	90	200	165	85	30	15	760	104%	710 - 840

* Unimpaired runoff in prior months based on measured flows

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Coordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

**MAY 1, 2010 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1)				
	HISTORICAL			FORECAST	
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	181	398	22	185	102%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	1,151	149	205	60%
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NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	240	92%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	1.3	94%
Carson River					
West Fork Carson River at Woodfords	54	135	12	49	90%
East Fork Carson River near Gardnerville	187	407	43	170	91%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	155	101%
East Walker River near Bridgeport	64	209	7	67	105%
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SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	226	96%
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(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

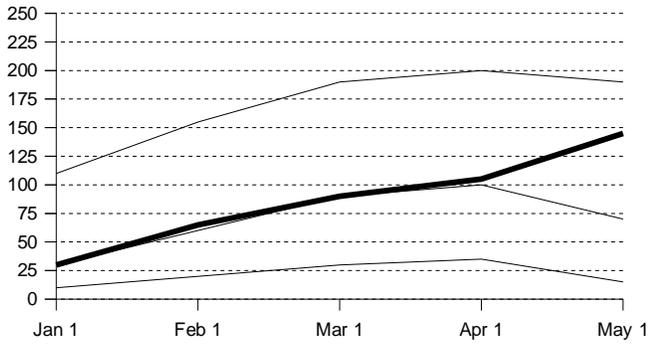
(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1971-2000)

(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, May through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

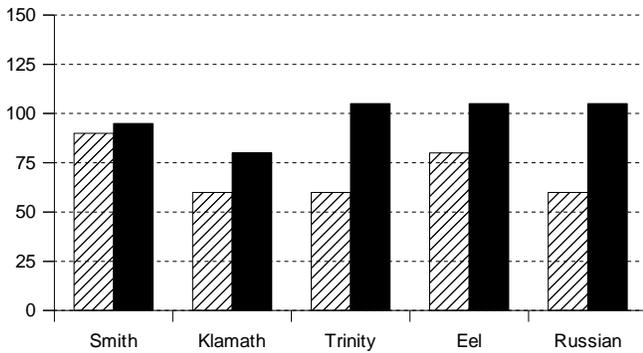
Snowpack Accumulation

Water Content in % of April 1 Average



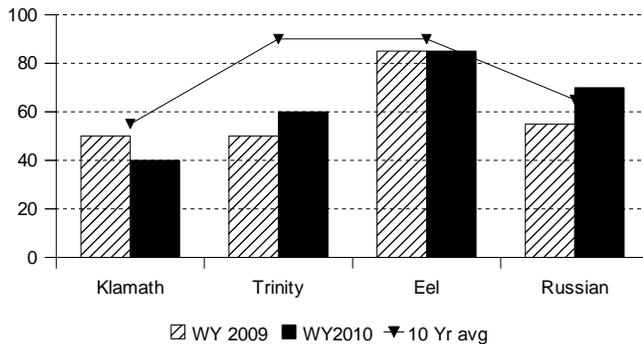
Precipitation

October 1 to date in % of Average



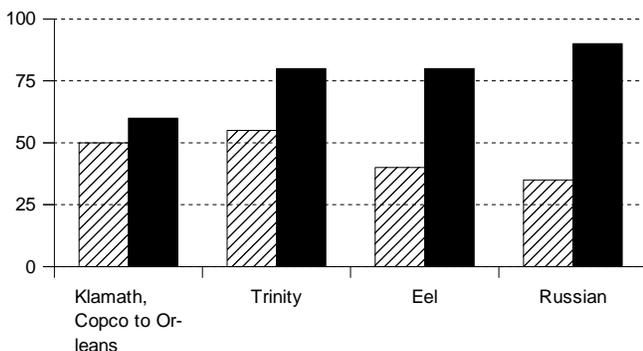
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 6 snow courses indicate an area wide snow water equivalent of 46.7 inches. This is 145 percent of the seasonal April 1 average and 205 percent of the May 1 average. Last year at this time the pack was holding 12.7 inches of water.

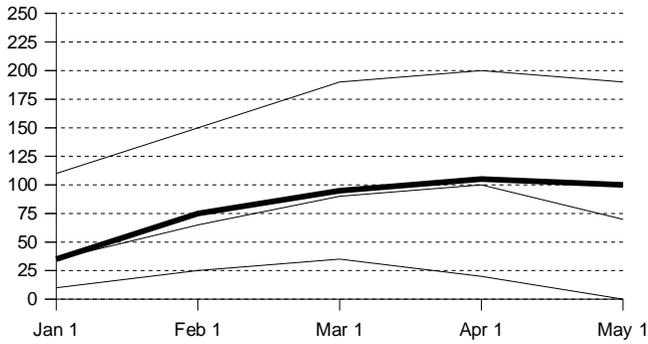
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 100 percent of normal. Precipitation last month was about 250 percent of the monthly average. Seasonal precipitation at this time last year stood at 70 percent of normal.

RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 1.9 million acre-feet which is 80 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 65 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 8.3 million acre-feet which is 75 percent of the average for this period. Last year, runoff for the same period was 45 percent of average.

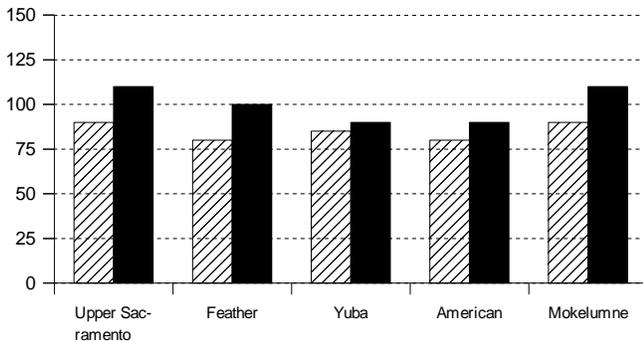
Snowpack Accumulation

Water Content in % of April 1 Average



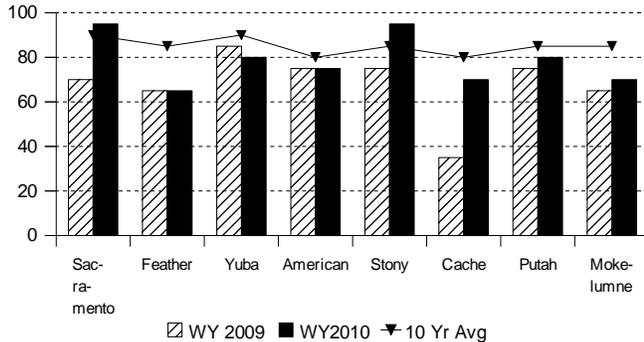
Precipitation

October 1 to date in % of Average



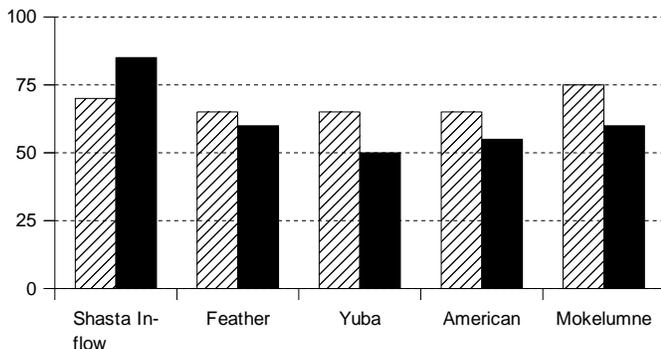
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 65 snow courses indicate an area wide snow water equivalent of 33.2 inches. This is 100 percent of the seasonal April 1 average and 140 percent of the May 1 average. Last year at this time the pack was holding 15.5 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 100 percent of normal. Precipitation last month was about 195 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 12.6 million acre-feet which is 95 percent of average. About 80 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

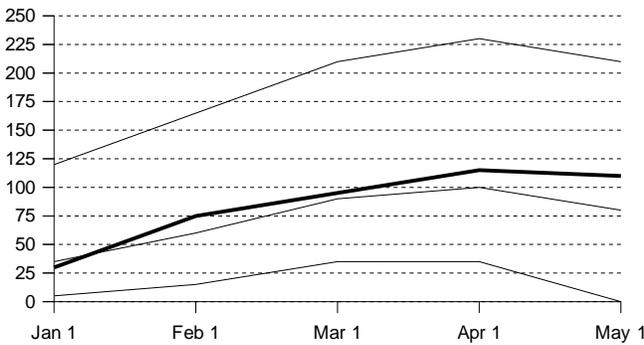
RUNOFF - Seasonal runoff of streams draining the area totaled 9.9 million acre-feet which is 70 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 6.9 assuming median meteorological conditions for the remainder of the year. This classifies the year as "below normal" in the Sacramento Valley according to the State Water Resources Control Board.

SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

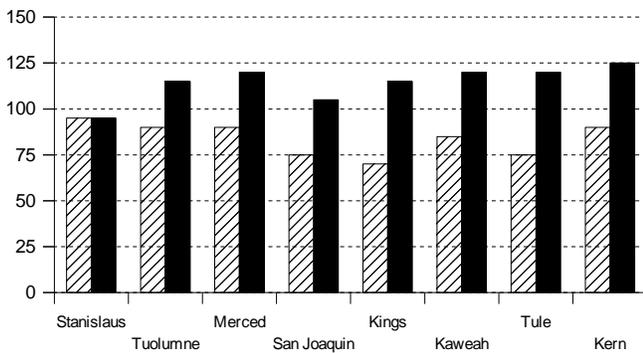
Snowpack Accumulation

Water Content in % of April 1 Average



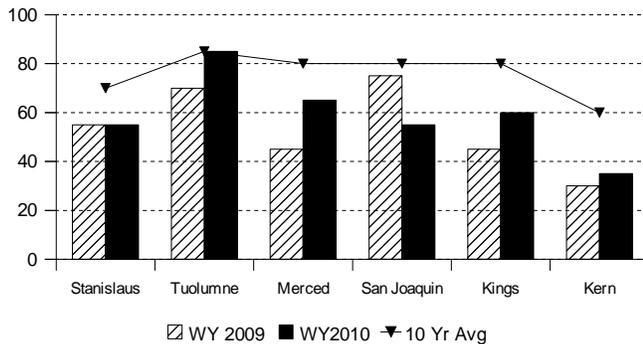
Precipitation

October 1 to date in % of Average



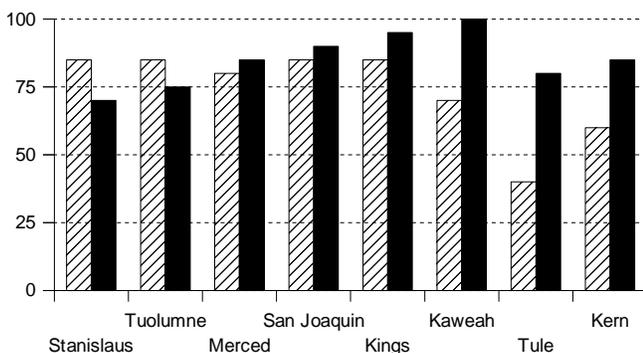
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK - First of the month measurements made at 57 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 37.2 inches. This is 115 percent of the seasonal (April 1) average and 140 percent of the May 1 average. Last year at this time the pack was holding 21.1 inches of water. At the same time 33 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 29.2 inches which is 120 percent of the average for April 1 and 150 percent of May 1. Last year at this time the basin was holding 13.6 inches of water.

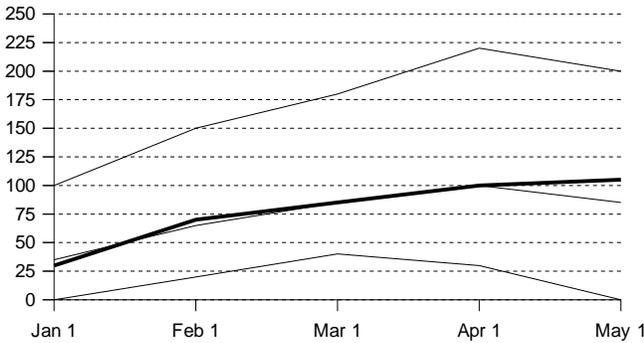
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 110 percent of normal. Precipitation last month was about 210 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 120 percent of normal. Precipitation last month was about 210 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

RESERVOIR STORAGE - First of the month storage in 34 **San Joaquin Region** reservoirs was 7.8 million acre-feet which is 100 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 1.1 million acre-feet which is 105 percent of average and about 55 percent of available capacity. Storage in these reservoirs at this time last year was 85 percent of average.

RUNOFF - Seasonal runoff of streams draining the **San Joaquin Region** totaled 2.6 million acre-feet which is 75 percent of average for this period. Last year, runoff for the same period was 80 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 1.2 million acre-feet which is 90 percent of average for this period. Last year runoff for this same period was 70 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 3.5 assuming 75 percent of median meteorological conditions. This classifies the year as "above normal" in the San Joaquin River Region according to the State Water Resources Control Board.

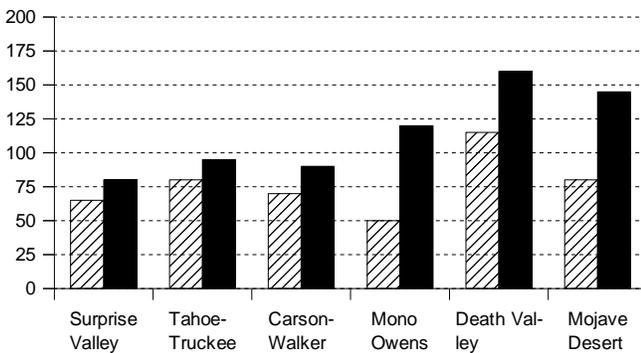
Snowpack Accumulation

Water Content in % of April 1 Average



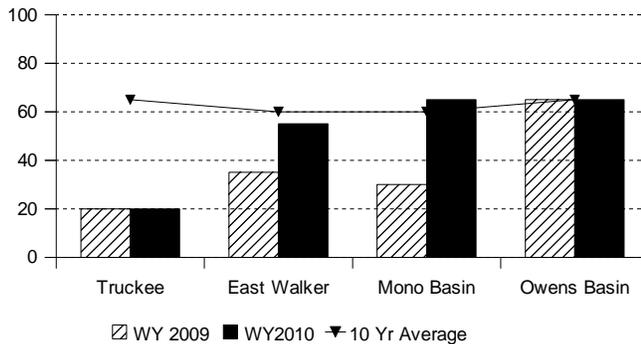
Precipitation

October 1 to date in % of Average



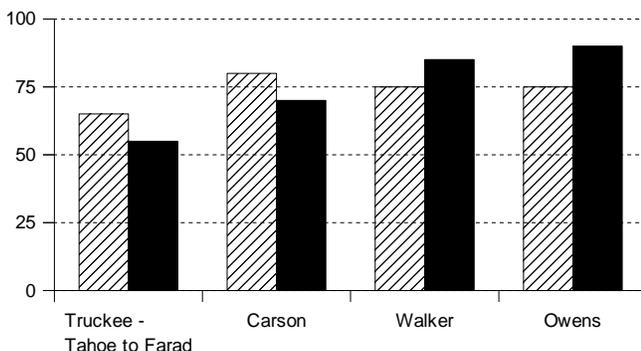
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH AND SOUTH LAHONTAN REGIONS

SNOWPACK- First of the month measurements made at 5 **North Lahontan Region** snow courses indicate an area wide snow water equivalent of 23.3 inches. This is 90 percent of the seasonal (April 1) average and 110 percent of the May 1 average. Last year at this time the pack was holding 11.9 inches of water. At the same time 2 **South Lahontan** snow courses indicated a basin-wide snow water equivalent of 16.8 inches which is 130 percent of the seasonal (April 1) average and 150 percent of the May 1 average. Last year at this time the basin was holding 5.2 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan Region** was 90 percent of normal. Precipitation last month was about 155 percent of the monthly average. Seasonal precipitation at this time last year stood at 70 percent of normal. Seasonal precipitation on the **South Lahontan** was 140 percent of normal. Precipitation last month was 135 percent of the monthly average. Seasonal precipitation at this time last year stood at 100 percent of normal.

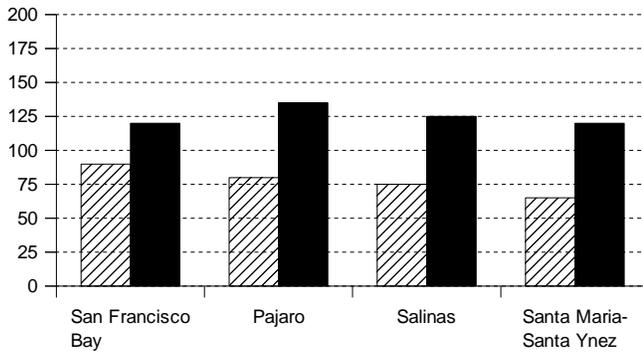
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 243 thousand acre-feet which is 40 percent of average. About 25 percent of available capacity was being used. Storage in these reservoirs at this time last year was 40 percent of average. Lake Tahoe was .7 feet above its natural rim on May 1. First of the month storage in 8 **South Lahontan** reservoirs was 270 thousand acre-feet which is 105 percent of average and about 65 percent of available capacity. Storage in these reservoirs at this time last year was 100 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 283 thousand acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 70 percent of average. Seasonal runoff of the Owens River in the **South Lahontan** totaled 70 thousand acre-feet which is 90 percent of average for this period. Last year runoff for this same period was 75 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

October 1 to date in % of Average

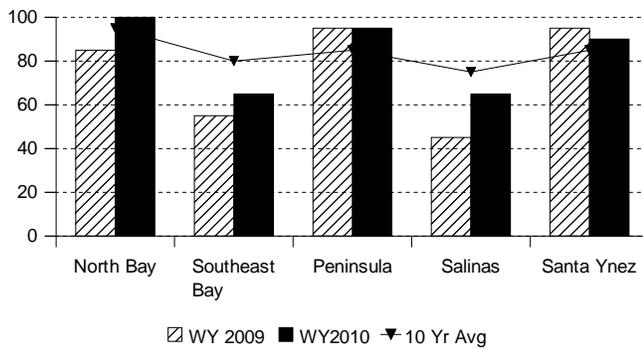


PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 120 percent of normal. Precipitation last month was about 225 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 130 percent of normal. Precipitation last month was about 235 percent of the monthly average. Seasonal precipitation at this time last year stood at 75 percent of normal.

Reservoir Storage

Contents of major reservoirs in % of capacity

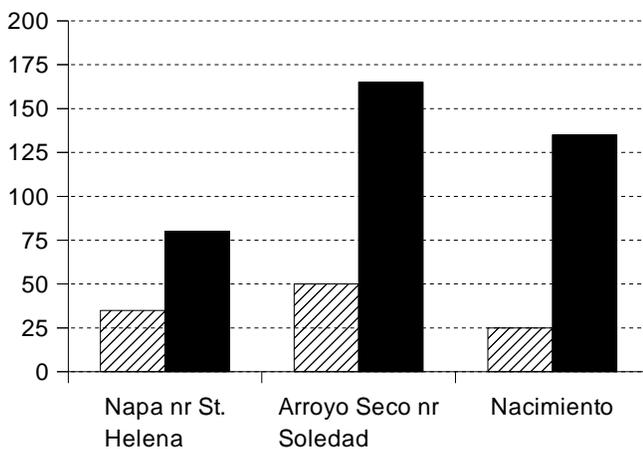


RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 418 thousand acre-feet which is 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 683 thousand acre-feet which is 95 percent of average and about 70 percent of available capacity. Storage in these reservoirs at this time last year was 75 percent of average.

Runoff

October 1 to date in % of average



RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 57 thousand acre-feet which is 80 percent of average for this period. Last year, runoff for the same period was 35 percent of average.

Seasonal runoff of streams draining the **Central Coast Region** totaled 462 thousand acre-feet which is 145 percent of average for this period. Last year runoff for this same period was 35 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through April (seasonal) precipitation on the **South Coast Region** was 110 percent of normal. April precipitation was 135 percent of the monthly average. Seasonal precipitation at this time last year was 65 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 170 percent of normal. Precipitation during April was 40 percent of average. Seasonal precipitation at this time last year stood at 80 percent of average.

RESERVOIR STORAGE - May 1 storage in 29 major **South Coast Region** reservoirs was 1.4 million acre-feet or 90 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

On May 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 27.4 million acre-feet or about 67 percent of average. About 52 percent of available capacity was in use. Last year at this time, these reservoirs were storing 66 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 46 thousand acre-feet which is 95 percent of average. Seasonal runoff from these streams last year was 40 percent of average.

COLORADO RIVER

The April July inflow to Lake Powell is forecast to be 7.1 million acre-feet, which is 90 percent of average. The May 1 snowpack in the Colorado River basin above Lake Powell was 70 percent of average, highest in the Yampa/White at 90 percent and lowest in the Dolores and Colorado Plateau at less than 30 percent.

**MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE**

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2009 1,000 AF	STORAGE AT END OF April		
				2010 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,939	2,055	2,114	72%	60%
San Luis Reservoir (SWP)	1,062	979	592	813	83%	77%
Lake Del Valle	77	39	39	41	106%	53%
Lake Silverwood	73	69	72	71	103%	97%
Pyramid Lake	171	163	168	169	103%	98%
Castaic Lake	325	287	255	260	91%	80%
Perris Lake	132	118	62	66	56%	50%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	2,049	1,262	1,487	73%	61%
Lake Shasta	4,552	3,974	2,998	4,391	110%	96%
Whiskeytown Lake	241	232	238	229	98%	95%
Folsom Lake	977	730	780	823	113%	84%
New Melones Reservoir	2,420	1,482	1,270	1,277	86%	53%
Millerton Lake	520	365	486	350	96%	67%
San Luis Reservoir (CVP)	971	882	367	856	97%	88%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	20,061	11,604	11,313	56%	43%
Lake Powell	24,322	18,335	12,858	13,816	75%	57%
Lake Mohave	1,810	1,671	1,702	1,697	102%	94%
Lake Havasu	619	587	594	592	101%	96%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	182	178	179	98%	90%
Camanche Reservoir	417	266	230	350	131%	84%
East Bay (4 res.)	147	136	126	139	102%	94%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	166	286	265	160%	74%
Cherry Lake	268	152	244	230	151%	86%
Lake Eleanor	26	15	25	23	153%	89%
South Bay/Peninsula (4 res.)	225	180	165	176	98%	78%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	125	124	122	98%	66%
Grant Lake	48	26	14	33	129%	70%
Other Aqueduct Storage (6 res.)	95	75	58	55	73%	57%

TELEMETERED SNOW WATER EQUIVALENTS

May 1, 2010

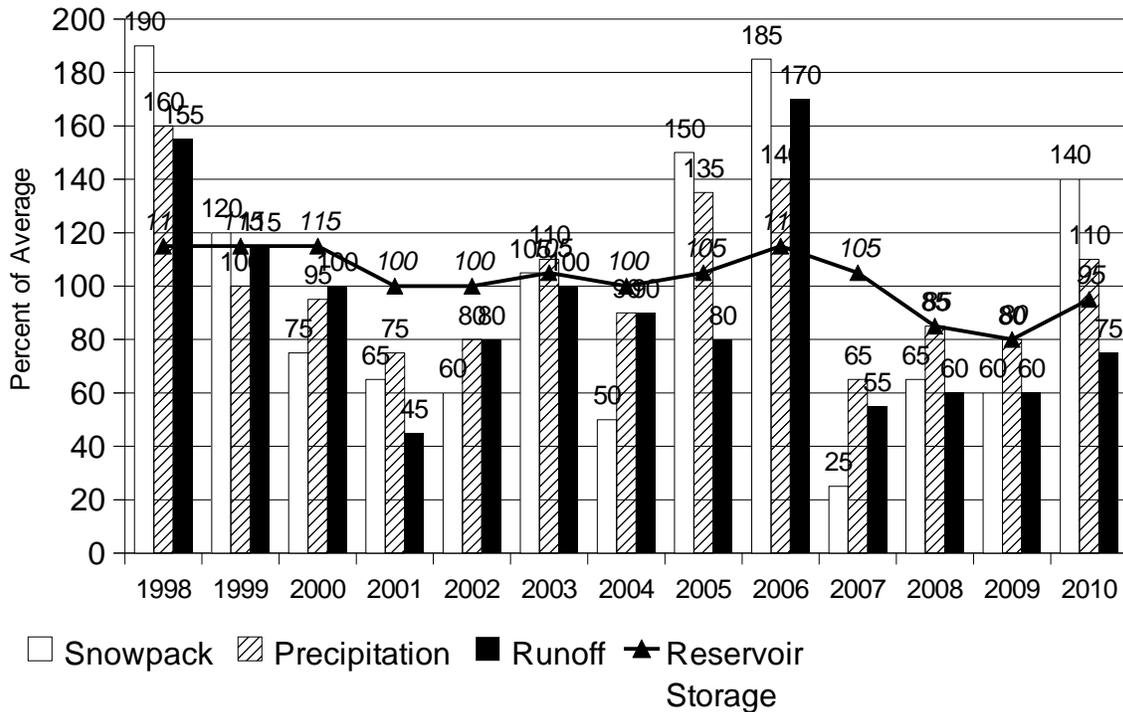
(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME	STATION NAME	ELEV	INCHES OF WATER EQUIVALENT				
			APRIL 1 AVERAGE	PERCENT May 1 OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS	
TRINITY RIVER							
	Peterson Flat	7150'	29.2	41.0	140.5	40.6	40.8
	Red Rock Mountain	6700'	39.6	79.6	201.0	79.4	76.5
	Bonanza King	6450'	40.5	69.4	171.3	69.2	59.5
	Shimmy Lake	6400'	40.3	33.7	83.7	35.1	31.0
	Middle Boulder 3	6200'	28.3	47.4	167.5	47.6	48.0
	Highland Lakes	6030'	29.9	78.6	262.9	77.6	71.8
	Scott Mountain	5900'	16.0	36.5	228.0	36.4	37.6
	Mumbo Basin	5650'	22.4	43.7	195.0	43.9	44.9
	Big Flat	5100'	15.8	28.6	181.3	28.3	29.2
	Crowder Flat	5100'	—	0.0	—	0.0	0.0
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	12.1	66.9	12.1	11.9
	Blacks Mountain	7050'	12.7	12.7	100.1	12.8	13.3
	Sand Flat	6750'	42.4	60.8	143.3	60.6	60.4
	Medicine Lake	6700'	32.6	28.9	88.7	28.6	26.0
	Adin Mountain	6200'	13.6	9.4	69.1	9.6	10.8
	Snow Mountain	5950'	27.0	38.0	140.9	37.6	40.0
	Slate Creek	5700'	29.0	83.7	288.5	82.5	90.0
	Stouts Meadow	5400'	36.0	49.5	137.5	48.8	52.7
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	93.5	—	94.0	92.5
	Kettle Rock	7300'	25.5	23.2	90.8	22.9	23.4
	Grizzly Ridge	6900'	29.7	28.5	96.1	28.3	28.5
	Pilot Peak	6800'	52.6	46.0	87.5	46.0	44.7
	Gold Lake	6750'	36.5	48.5	132.8	48.5	47.2
	Humbug	6500'	28.0	48.7	174.1	48.9	47.3
	Harkness Flat	6200'	28.5	26.7	93.6	27.6	28.1
	Rattlesnake	6100'	14.0	21.6	154.3	21.8	23.5
	Bucks Lake	5750'	44.7	65.0	145.5	64.9	66.7
	Four Trees	5150'	20.0	—	—	—	—
EEL RIVER							
	Noel Spring	5100'	—	—	—	—	—
YUBA & AMERICAN RIVERS							
	Lake Lois	8600'	39.5	53.8	136.1	53.9	49.9
	Schneiders	8750'	34.5	44.2	128.1	44.4	41.5
	Carson Pass	8353'	—	35.9	—	36.0	35.3
	Caples Lake	8000'	30.9	31.7	102.5	31.2	31.1
	Alpha	7600'	35.9	33.7	93.8	33.7	33.7
	Meadow Lake	7200'	55.5	53.5	96.5	53.7	51.0
	Silver Lake	7100'	22.7	27.9	122.8	27.8	27.8
	Central Sierra Snow Lab	6900'	33.6	39.2	116.7	39.4	39.8
	Huysink	6600'	42.6	29.8	69.8	29.9	30.6
	Van Vleck	6700'	35.9	44.3	123.3	43.9	44.0
	Robinson Cow Camp	6480'	—	—	—	—	—
	Robbs Saddle	5900'	21.4	26.6	124.4	26.7	28.9
	Greek Store	5600'	21.0	27.3	129.9	27.3	29.9
	Blue Canyon	5280'	9.0	14.5	161.2	14.7	16.3
	Robbs Powerhouse	5150'	5.2	9.0	172.5	9.6	12.8
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	34.9	93.9	34.6	34.0
	Highland Meadow	8700'	47.9	—	—	—	—
	Gianelli Meadow	8400'	55.5	45.5	82.0	44.8	41.8
	Lower Relief Valley	8100'	41.2	41.7	101.2	41.9	40.5
	Blue Lakes	8000'	33.1	30.6	92.4	30.6	30.0
	Mud Lake	7900'	44.9	—	—	—	—
	Stanislaus Meadow	7750'	47.5	46.2	97.2	46.2	46.5
	Bloods Creek	7200'	35.5	27.9	78.7	27.7	29.4
	Black Springs	6500'	32.0	37.2	116.2	37.4	38.1
TUOLUMNE & MERCED RIVERS							
	Tioga Pass Entrance	9945'	—	—	—	—	—
	Dana Meadows	9800'	27.7	28.8	104.0	28.4	29.3
	Slide Canyon	9200'	41.1	38.4	93.5	38.4	40.2
	Lake Tenaya	8150'	33.1	33.5	101.3	33.5	33.4
	Tuolumne Meadows	8600'	22.6	17.2	76.0	18.5	18.0
	Horse Meadow	8400'	48.6	50.5	104.0	50.0	45.8
	Ostrander Lake	8200'	34.8	37.0	106.2	36.5	36.5
	White Wolf	7900'	—	32.0	—	32.0	32.7
	Paradise Meadow	7650'	41.3	—	—	—	—
	Gin Flat	7050'	34.2	—	—	—	—
	Lower Kibbie Ridge	6700'	27.4	24.0	87.6	24.2	25.4

SAN JOAQUIN RIVER							
Volcanic Knob	10050'	30.1	12.0	39.9	12.1	11.8	
Kaiser Point	9200'	37.8	29.3	77.5	29.3	29.3	
Green Mountain	7900'	30.8	33.4	108.3	32.3	35.0	
Tamarack Summit	7550'	30.5	34.3	112.4	34.0	36.0	
Chilkoot Meadow	7150'	38.0	49.1	129.2	49.0	49.7	
Huntington Lake	7000'	20.1	28.8	143.3	28.4	30.4	
Graveyard Meadow	6900'	18.8	28.7	152.6	28.4	30.0	
Poison Ridge	6900'	28.9	41.4	143.3	41.0	43.0	
KINGS RIVER							
Bishop Pass	11200'	34.0	38.2	112.5	38.5	38.9	
Charlotte Lake	10400'	27.5	—	—	28.0	28.8	
State Lakes	10300'	29.0	37.0	127.6	36.9	37.0	
Mitchell Meadow	9900'	32.9	—	—	—	—	
Blackcap Basin	10300'	34.3	41.9	122.1	41.9	42.3	
Upper Burnt Corral	9700'	34.6	43.8	126.7	44.2	44.1	
West Woodchuck Meadow	9100'	32.8	39.8	121.3	39.8	40.3	
Big Meadows	7600'	25.9	29.4	113.4	29.6	31.5	
KAWEAH & TULE RIVERS							
Farewell Gap	9500'	34.5	46.2	134.1	46.1	47.0	
Quaking Aspen	7200'	21.0	29.5	140.3	29.0	31.9	
Giant Forest	6650'	10.0	18.2	182.0	18.0	20.2	
KERN RIVER							
Upper Tyndall Creek	11400'	27.7	24.4	88.1	24.0	23.7	
Crabtree Meadow	10700'	19.8	18.9	95.5	18.6	19.9	
Chagoopa Plateau	10300'	21.8	23.3	106.7	23.5	23.8	
Pascoes	9150'	24.9	—	—	—	—	
Tunnel Guard Station	8900'	15.6	9.3	59.5	8.8	12.9	
Wet Meadows	8950'	30.3	30.4	100.3	30.4	32.7	
Casa Vieja Meadows	8300'	20.9	25.2	120.8	25.9	26.6	
Beach Meadows	7650'	11.0	—	—	—	—	
TRUCKEE RIVER							
Independence Lake	8450'	41.4	—	—	—	42.7	
Big Meadows	8700'	25.7	23.7	92.2	23.6	23.5	
Squaw Valley	8200'	46.5	51.4	110.5	51.1	48.4	
Independence Camp	7000'	21.8	15.7	72.0	15.8	15.6	
Independence Creek	6500'	12.7	10.2	80.3	10.5	11.8	
Truckee 2	6400'	14.3	13.8	96.5	14.3	16.3	
LAKE TAHOE BASIN							
Mount Rose Ski Area	8900'	38.5	38.0	98.7	37.9	36.3	
Heavenly Valley	8800'	28.1	23.3	82.9	23.3	22.7	
Hagans Meadow	8000'	16.5	14.4	87.3	14.2	14.8	
Marlette Lake	8000'	21.1	25.7	121.8	25.2	24.5	
Echo Peak 5	7800'	39.5	34.8	88.1	34.7	35.3	
Rubicon Peak 2	7500'	29.1	29.0	99.7	28.8	27.8	
Tahoe City Cross	6750'	16.0	5.1	31.9	5.6	7.1	
Ward Creek 3	6750'	39.4	38.4	97.5	38.6	38.1	
Fallen Leaf Lake	6250'	7.0	0.1	1.4	0.6	0.0	
CARSON RIVER							
Ebbetts Pass	8700'	38.8	37.4	96.4	37.0	36.8	
Horse Meadow	8557'	—	21.4	—	21.4	20.8	
Burnside Lake	8129'	—	26.2	—	25.9	26.8	
Forestdale Creek	8017'	—	37.6	—	37.8	37.4	
Poison Flat	7900'	16.2	7.3	45.1	7.5	9.3	
Monitor Pass	8350'	—	13.8	—	13.5	14.9	
Spratt Creek	6150'	4.5	—	—	—	—	
WALKER RIVER							
Leavitt Lake	9600'	—	60.8	—	60.8	57.3	
Summit Meadow	9313'	—	24.4	—	24.9	23.2	
Virginia Lakes	9300'	20.3	17.9	88.2	17.6	17.8	
Lobdell Lake	9200'	17.3	17.1	98.8	16.8	18.2	
Sonora Pass Bridge	8750'	26.0	27.0	103.8	27.0	26.9	
Leavitt Meadows	7200'	8.0	7.4	92.5	7.2	10.0	
OWENS RIVER/MONO LAKE							
Gem Pass	10750'	31.7	38.6	121.9	38.6	36.8	
Sawmill	10200'	19.4	17.2	88.6	17.5	17.4	
Cottonwood Lakes	10150'	11.6	16.5	142.5	16.5	18.9	
Big Pine Creek	9800'	17.9	16.9	94.5	16.6	19.0	
South Lake	9600'	16.0	17.4	108.7	17.0	18.6	
Mammoth Pass	9300'	42.4	43.2	101.9	43.2	41.8	
Rock Creek Lakes	9700'	14.0	—	—	—	—	

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE						
AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY	
Central Valley North	45%	70%	90%	100%	75%	
Central Valley South	45%	65%	85%	100%	80%	
North Coast	40%	60%	85%	100%	80%	

May 1 Statewide Conditions



SNOWLINES

Next years Western Snow Conference meeting will be hosted by the South Pacific Division in South Lake Tahoe. For further information contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov Information is available on the web at <http://www.westernsnowconference.org>.

Jack Hannaford recently passed away. He was a stalwart supporter of snow surveys, continuing to attend both the Western Snow Conference meetings and the Cooperators meetings long after his retirement. His career spanned decades including a stint with the snow surveys program at DWR, Murray, Burns, & Kienlen (MBK Consulting, Principal from 1967 - 91), and as a principal of Sierra Hydrotech from the early 80's through late 90's. He was a member of the Western Snow Conference since the early 50's. He will be missed and remembered where ever snow people gather.

Depicted on this month's cover is the Crystal Range near South Lake Tahoe taken in April of last year.